L Number	Hits		DB	Time stamp
-	0	insulin same secretory adj signal and "807519"	USPAT;	2004/04/21 06:28
		T .	US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT,	
			IBM_TDB	
-	0	insulin same secretory adj signal and 09/807519	USPAT;	2004/04/21 06:28
			US-PGPUB;	
			ЕРО, ЛРО,	
	1		DERWENT;	
		00/007510	IBM_TDB	
-	0	09/807519	USPAT;	2004/04/21 06:28
	1		US-PGPUB;	
	ļ		ЕРО; ЛРО;	
			DERWENT;	
	68	inontin suma accept at 11 to 1 of the second	IBM_TDB	
-	08	insulin same secretory adj signal and (heterologous or recombinant)	USPAT;	2004/04/21 06:29
			US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
_	46	inculin gama georgeom edicional according	IBM_TDB	
-	40	insulin same secretory adj signal same (heterologous or recombinant)	USPAT;	2004/04/21 06:29
			US-PGPUB;	
			ЕРО; ЈРО;	
			DERWENT;	
_	1	insulin same secretory adj signal adj10 (heterologous or recombinant)	IBM_TDB	
		mount same secretory and signar and to (neterologous or recombinant)	USPAT;	2004/04/21 06:43
			US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
_	0	insulin same secretory adj signal and "5082783"	IBM_TDB	2004/04/21 00 10
		and signal and 5002765	USPAT; US-PGPUB;	2004/04/21 09:19
			EPO; JPO;	
		·	DERWENT;	
			IBM TDB	
-	36	insulin same secretory adj signal and mature	USPAT;	2004/04/21 06:43
	1		US-PGPUB;	2004/04/21 00.43
			ЕРО; ЛРО;	
			DERWENT;	
	İ		IBM_TDB	
-	0	insulin same secretory adj signal and mature and somatotropin	USPAT;	2004/04/21 08:04
		•	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	1	"mature somatotropin"	USPAT;	2004/04/21 08:29
			US-PGPUB;	
1			ЕРО; ЛРО;	
			DERWENT;	
_	1	"comptetronin" game leader - 1:	IBM_TDB	
	1	"somatotropin" same leader adj sequence	USPAT;	2004/04/21 08:30
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
_	39	"somatotropin" same mature	IBM_TDB	
	37	Same mature	USPAT;	2004/04/21 08:40
			US-PGPUB;	ļ
			ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	

(
-	12	"somatotropin" same mature and heterologous and (signal or secretory)	USPAT;	2004/04/21 08:36
			US-PGPUB;	
			ЕРО; ЈРО;	
			DERWENT;	
			IBM_TDB	
-	8	"somatotropin" same mature and insulin same (signal or secretory)	USPAT;	2004/04/21 08:38
1			US-PGPUB;	
			ЕРО; ЈРО;	
			DERWENT,	
			IBM_TDB	
-	6	"somatotropin" and mature and insulin adj10 (signal or secretory)	USPAT;	2004/04/21 08:39
		(χ)	US-PGPUB;	
ļ			ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
-	1391	"somatotropin"same insulin adj10 (signal or secretory)	USPAT;	2004/04/21 08:39
			US-PGPUB;	2004/04/21 08.39
			EPO; JPO;	
ļ			DERWENT;	
			IBM_TDB	
-	6	"somatotropin" adj10 mature	USPAT;	2004/04/21 08:43
		1	US-PGPUB;	2004/04/21 08:43
			EPO; JPO;	
1			DERWENT;	
-	22	"somatotropin" and mature adj peptide	IBM_TDB	2004/04/24 22 22
		somatotropini and mature adj peptide	USPAT;	2004/04/21 08:52
			US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
1_	340	"growth hormonal" and material 1' ('I	IBM_TDB	
	340	"growth hormone" and mature adj peptide	USPAT;	2004/04/21 08:53
			US-PGPUB;	
			ЕРО; ЛРО;	
ŀ			DERWENT;	
	77	H (1.1 H 11.2)	IBM_TDB	
-	77	"growth hormone" adj10 mature	USPAT;	2004/04/21 08:53
			US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
-	1	"growth hormone" adj10 mature and insulin adj5 (secretory or signal)	USPĀT;	2004/04/21 08:55
		,	US-PGPUB,	
			ЕРО; ЈРО;	
			DERWENT;	!
			IBM_TDB	
-	36	"growth hormone" adj5 mature	USPAT;	2004/04/21 09:06
			US-PGPUB;	
			ЕРО; ЛРО;	
	1		DERWENT;	
			IBM_TDB	
-	7	"growth hormone" adj5 mature and somatotropin	USPAT;	2004/04/21 08:55
		1	US-PGPUB;	200 110 4121 00.33
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	12	"growth hormone" adj2 mature	USPAT;	2004/04/21 00:04
				2004/04/21 09:06
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	<u> </u>		IBM_TDB	

-	39	mature same (somatotropin or somatatrophin)	USPAT;	2004/04/21 09:01
			US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
-	4	mature adj5 (somatotropin or somatatrophin)	USPAT;	2004/04/21 09:01
			US-PGPUB;	
	1		ЕРО; ЛРО;	
			DERWENT,	
			IBM_TDB	
-	0	"growth hormone" adj5 mature and insulin adj (secretory or signal)	USPĀT;	2004/04/21 09:06
			US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
-	0	"growth hormone" adj10 mature and insulin adj (secretory or signal)	USPAT;	2004/04/21 09:06
		J J J J J J J J J J J J J J J J J J J	US-PGPUB;	2004/04/21 09:00
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	2	"growth hormone" adj mature	USPAT;	2004/04/21 09:06
	_	growth normone and mature	US-PGPUB;	2004/04/21 09:06
			EPO; JPO;	
	1		DERWENT;	
1 1 1 1	6	Horovyth homeonall add	IBM_TDB	
-	0	"growth hormone" adj5 mature and (singal or secretory)	USPAT;	2004/04/21 09:06
			US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
	2.5		IBM_TDB	
-	26	"growth hormone" adj5 mature and (signal or secretory)	USPAT;	2004/04/21 09:06
	i		US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
-	8	"growth hormone" adj5 mature same (signal or secretory)	USPAT;	2004/04/21 09:07
			US-PGPUB,	
			ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
-	3	"growth hormone" adj5 mature same (signal or secretory) adj sequence	USPĀT;	2004/04/21 09:09
		, , , , , , , , , , , , , , , , , , , ,	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	11	"growth hormone" adj5 mature and (signal or secretory) adj sequence	USPAT;	2004/04/21 09:10
		, (<u> </u>	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	[IBM TDB	
-	179	pST and (somatotropin or somatatropin)	USPAT;	2004/04/21 09:17
		1 (common opin of somulatopin)	US-PGPUB;	2004/04/21 09:1/
l .				
			EPO; JPO;	
			DERWENT;	
_	102	pST same (somatotropin or somatatropin)	IBM_TDB	2004/04/21 22 25
	102	box same (somenonabili or somerantohili)	USPAT;	2004/04/21 09:17
			US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
L			IBM_TDB	

-	28	pST adj10 (somatotropin or somatatropin)	USPAT;	2004/04/21 00 17
		par augra (somutoropin of somutatiopin)	US-PGPUB;	2004/04/21 09:17
			EPO; JPO; DERWENT;	
	1			
-	2	"malwmrllpllallalwgpdpaaa"	IBM_TDB	2004/04/01 00 10
	_		USPAT;	2004/04/21 09:18
		+	US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
-	22	"5082783"	IBM_TDB	
		3002703	USPAT;	2004/04/21 09:19
			US-PGPUB;	
			ЕРО; ЛРО;	
	Ĭ		DERWENT;	
_	0	"5082783.pn."	IBM_TDB	
	0	3002703.μ1.	USPAT;	2004/04/21 09:19
			US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
	2	5082783.pn.	IBM_TDB	
-	2	3082783.pn,	USPAT;	2004/04/21 09:21
			US-PGPUB;	İ
			ЕРО; ЛРО;	
			DERWENT;	
		7004704	IBM_TDB	
-	0	5082783.pn. and somatotropin	USPAT;	2004/04/21 09:21
			US-PGPUB;	
	Ì		ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
-	1	5082783.pn. and growth adj hormone	USPAT;	2004/04/21 09:25
			US-PGPUB;	200 11 0 11 0 11 23
			ЕРО; ЛРО;	}
			DERWENT;	
			IBM_TDB	
-	85	mature adj3 growth adj hormone	USPAT;	2004/04/21 09:25
			US-PGPUB;	200 1/0 1/21 07.23
			ЕРО; ЛРО;	
			DERWENT;	
			IBM TDB	
-	37	mature adj3 growth adj hormone and heterologous and (secretory or	USPAT;	2004/04/21 09:26
		signal)	US-PGPUB;	2007/07/21 03.20
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	30	mature adj3 growth adj hormone and heterologous and (secretory or	USPAT;	2004/04/21 09:26
		signal) adj sequence	US-PGPUB;	2004/04/21 09:26
		· · · · · · · · · · · · · · · · · · ·	EPO; JPO;	
			DEDWINE	
			DERWENT;	
-	8	mature adj3 growth adj hormone same (secretory or signal) adj sequence	IBM_TDB	2004/04/21 02 = =
		s de la la la la la la la la la la la la la	USPAT;	2004/04/21 09:26
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	12	mature adi3 growth adi hormona and 1.	IBM_TDB	
į		mature adj3 growth adj hormone and heterologous same (secretory or signal) adj sequence	USPAT;	2004/04/21 09:30
		orginary and sequence	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	

4	0	mature adj3 growth adj hormone same (replace or exchange or	USPAT;	2004/04/21 09:31
		heterologous) adj10 (secretory or signal) adj sequence	US-PGPUB;	2004/04/21 09.31
			ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
-	10	and teplace of exchangen	USPAT;	2004/04/21 09:33
		or exchange or heterologous) adj 10 (secretory or signal) adj sequence	US-PGPUB;	2004/04/21 07:55
			EPO; JPO;	
1			DERWENT,	
			IBM TDB	
-	2926	growth adj hormone and (replaced or replace or exchanged or exchange	USPAT;	2004/04/21 09:34
	1.4	or heterologous) adj10 (secretory or signal) adj sequence	US-PGPUB;	2004/04/21 09.34
			EPO; JPO;	
			DERWENT;	
1			IBM_TDB	
] -	0	(growth adj hormone or HgH or GH) adj10 (replaced or replace or	USPAT;	2004/04/21 09:34
		exchanged or exchange or heterologous) adj10 (secretory or signal) adj	US-PGPUB;	2004/04/21 09:34
		sequence	EPO; JPO;	
		•	DEDIVENER.	
			DERWENT;	
-	0	(growth adj hormone or HgH or GH) adj10 (replaced or replace or	IBM_TDB USPAT;	2004/04/21 22 2
		exchanged or exchange or heterologous) adj10 (secretory or signal) adj		2004/04/21 09:34
Į.		sequence	US-PGPUB;	
		- Mario	ЕРО; ЛРО;	
			DERWENT;	
1 -	0	(growth adj hormone or HgH or GH) adj20 (replaced or replace or	IBM_TDB	
		exchanged or exchange or heterologous) adj10 (secretory or signal) adj	USPAT;	2004/04/21 09:35
		sequence of exchange of heterologous) adj to (secretory or signal) adj	US-PGPUB;	
		sequence	ЕРО; ЛРО;	
			DERWENT;	
_	1	(growth adi harmony on Hall GII) 120 (IBM_TDB	
	1	(growth adj hormone or HgH or GH) adj20 (replaced or replace or	USPAT;	2004/04/21 09:35
		exchanged or exchange or heterologous) adj10 (secretory or signal)	US-PGPUB;	
			EPO; JPO;	
	ì		DERWENT;	
_	643	manufacture 17 A No. 12 A No. 12 A	IBM_TDB	
_	043	preproinsulin and (mature) adj (protein or polypeptide or peptide)	USPAT;	2004/04/21 09:37
	Į.		US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
	(14		IBM_TDB	
-	614	preproinsulin and (mature) adj (protein or polypeptide or peptide) and	USPAT;	2004/04/21 09:37
		growth adj hormone	US-PGPUB;	
			EPO; JPO;	
			DERWENT,	
			IBM_TDB	
-	6	preproinsulin and (mature) adj (protein or polypeptide or peptide) same	USPĀT;	2004/04/21 09:38
		growth adj hormone	US-PGPUB;	
İ			ЕРО; ЛРО;	
	!		DERWENT;	
			IBM_TDB	
-	0	(insulin adj3 (signal or leader or secretory) adj sequence or	USPAT;	2004/04/21 09:40
		preproinsulin adj5 (signal or leader or secretory) adj sequence) same	US-PGPUB;	
		(recombinant or heterologous) and enhaned	EPO; JPO;	
		- /	DERWENT;	
			IBM_TDB	
-	10	(insulin adj3 (signal or leader or secretory) adj sequence or	USPAT;	2004/04/21 00:41
	[1	preproinsulin adj5 (signal or leader or secretory) adj sequence) same	US-PGPUB;	2004/04/21 09:41
	((recombinant or heterologous) and enhanced	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
			mm_IDR	

-	40	(insulin adj3 (signal or leader or secretory) adj sequence or	USPAT:	2004/04/21 09:42
		preproinsulin adj5 (signal or leader or secretory) adj sequence) and	US-PGPUB;	200 1/0 1/21 07.42
		mature adj (protein or peptide or polypeptide)	ЕРО; ЈРО;	
			DERWENT;	
	10		IBM_TDB	
	18	(insulin adj3 (signal or leader or secretory) adj sequence or	USPAT;	2004/04/21 09:48
		preproinsulin adj5 (signal or leader or secretory) adj sequence) and	US-PGPUB;	
		mature adj (protein or peptide or polypeptide) and growth adj hormone	ЕРО; ЈРО;	
			DERWENT;	
-	10	(insulin adi3 (cianal or landar or comptent) . It	IBM_TDB	
	10	(insulin adj3 (signal or leader or secretory) adj sequence or	USPAT;	2004/04/21 09:49
	i	preproinsulin adj5 (signal or leader or secretory) adj sequence) same vector and mature adj (protein or peptide or polypeptide)	US-PGPUB;	i
1		vector and mature adj (protein or peptide or polypeptide)	EPO; JPO;	
			DERWENT;	
l			_IBM_TDB	

(FILE 'HOME' ENTERED AT 10:43:10 ON 21 APR 2004)

	FILE 'MEDLINE, CAPLUS, SCISEARCH' ENTERED AT 10:43:38 ON 21 APR 2004
L1	10943 S INSULIN (5A) (SECRETORY OR SIGNAL)
L2	14 S L1 AND HETEROLOGOUS (5A) (POLYPEPTIDE OR PEPTIDE OR PROTEIN)
T3	11 DUP REM L2 (3 DUPLICATES REMOVED)
L4	4 S L3 AND PY<=1998
L5	430 S (SECRETORY OR SIGNAL) (A) SEQUENCE AND HETEROLOGOUS (A) (PROT
L6	154 S (SECRETORY OR SIGNAL) (A) SEQUENCE (S) HETEROLOGOUS (A) (PROT
L7	24 S L5 AND GROWTH (A) HORMONE
L8	75 S L5 AND MATURE
L9	4 S L8 AND (GROWTH (A) HORMONE OR SOMATOTROPIN OR SOMATATROPHIM)
L10	4 S L8 AND (GROWTH (A) HORMONE OR SOMATOTROPIN OR SOMATATROPHIN)
L11	3 DUP REM L10 (1 DUPLICATE REMOVED)
L12	3 S L11 AND PY<=1998